

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number  
**WO 2005/005622 A2**

(51) International Patent Classification<sup>7</sup>: **C12N 5/06, A61K 48/00**

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: **PCT/GB2004/002981**

(22) International Filing Date: **9 July 2004 (09.07.2004)**

(25) Filing Language: **English**

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: **English**

(30) Priority Data: **0316089.2 9 July 2003 (09.07.2003) GB**

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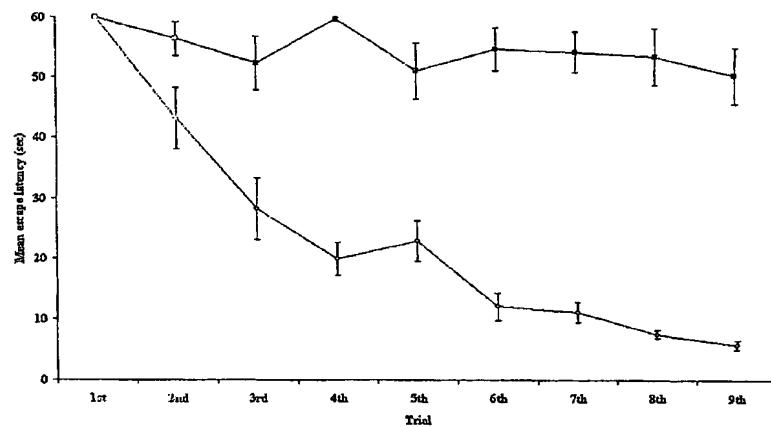
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **METHOD OF ALTERING CELL PROPERTIES BY ADMINISTERING RNA**



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(57) Abstract: The invention relates to the alteration of cell properties using RNA molecules. In particular, it relates to the alteration of the ability of cells to mobilise, migrate, integrate, proliferate and/or differentiate. For example, it relates to the induction of differentiation of stem cells, including the acquisition of the ability to migrate, integrate, and proliferate. It also relates to the induction of *in vivo* stem cell mobilisation, migration, integration, proliferation and/or differentiation. Accordingly, it relates to the promotion of stem cell-mediated functional repair. The invention also relates to the reversal of differentiation of differentiated cells. All these effects may be effected by providing isolated RNA comprising a RNA sequence extractable from cells comprising the desired cell type(s) to a population of cells under conditions whereby the alteration of the cell property is achieved.